Amendments to the Specification:

Please replace paragraph [0047] with the following amended paragraph:

[0047] The above discussion is meant to be illustrative of the principles and various embodiments of the present invention. Numerous variations and modifications will become apparent to those skilled in the art once the above disclosure is fully appreciated. For example, in some embodiments, a computer readable medium stores a program that, when executed by a processor, causes the processor to: generate a node to represent a functional relationship between one or more objects of distinct ontologies in a metadata system; link to the node an expression of the functional relationship; and link one or more parameters of the functional relationship to the node. The program may further cause the processor to connect a dependency chain representing the dependent relationships between properties of a parameter path. The program may further cause the processor to connect one or more parameters comprising generating a blank node that aggregates a local name, type, and dependency chain. It is intended that the following claims be interpreted to embrace all such variations and modifications.